

**Pt. 63, Subpt. KKKK, Table 1**

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**TABLE 1 TO SUBPART KKKK OF PART 63—EMISSION LIMITS FOR NEW OR RECONSTRUCTED AFFECTED SOURCES**

You must comply with the emission limits that apply to your affected source in the following table as required by § 63.3490(a) through (c).

If you apply surface coatings to metal cans or metal can parts in this subcategory . . .	Then for all coatings of this type . . .	You must meet the following organic HAP emission limit in kg HAP/liter solids (lbs HAP/gal solids): <sup>a,b</sup>
1. One and two-piece draw and iron can body coating.	a. Two-piece beverage cans—all coatings.	0.04 (0.31).
	b. Two-piece food cans—all coatings . . . .	0.06 (0.50).
	c. One-piece aerosol cans—all coatings	0.08 (0.65).
2. Sheetcoating . . . . .	Sheetcoating . . . . .	0.02 (0.17).
3. Three-piece can assembly . . . . .	a. Inside spray . . . . .	0.12 (1.03).
	b. Aseptic side seam stripes on food cans.	1.48 (12.37).
	c. Nonaseptic side seam stripes on food cans.	0.72 (5.96).
	d. Side seam stripes on general line nonfood cans.	1.18 (9.84).
	e. Side seam stripes on aerosol cans . . .	1.46 (12.14).
4. End coating . . . . .	a. Aseptic end seal compounds . . . . .	0.06 (0.54).
	b. Nonaseptic end seal compounds . . . . .	0.00 (0.00).
	c. Repair spray coatings . . . . .	0.64 (5.34).

<sup>a</sup>If you apply surface coatings of more than one type within any one subcategory you may calculate an OSEL according to § 63.3531(i).

<sup>b</sup>Rounding differences in specific emission limits are attributable to unit conversions.

**TABLE 2 TO SUBPART KKKK OF PART 63—EMISSION LIMITS FOR EXISTING AFFECTED SOURCES**

You must comply with the emission limits that apply to your affected source in the following table as required by § 63.3490(a) through (c).

If you apply surface coatings to metal cans or metal can parts in this subcategory . . .	Then for all coatings of this type . . .	You must meet the following organic HAP emission limit in kg HAP/liter solids (lbs HAP/gal solids): <sup>a,b</sup>
1. One and two-piece draw and iron can body coating.	a. Two-piece beverage cans—all coatings.	0.07 (0.59).
	b. Two-piece food cans—all coatings . . . .	0.06 (0.51).
	c. One-piece aerosol cans—all coatings	0.12 (0.99).
2. Sheetcoating . . . . .	Sheetcoating . . . . .	0.03 (0.26).
3. Three-piece can assembly . . . . .	a. Inside spray . . . . .	0.29 (2.43).
	b. Aseptic side seam stripes on food cans.	1.94 (16.16).
	c. Nonaseptic side seam stripes on food cans.	0.79 (6.57).
	d. Side seam stripes on general line nonfood cans.	1.18 (9.84).
	e. Side seam stripes on aerosol cans . . .	1.46 (12.14).
4. End coating . . . . .	a. Aseptic end seal compounds . . . . .	0.06 (0.54).
	b. Nonaseptic end seal compounds . . . . .	0.00 (0.00).
	c. Repair spray coatings . . . . .	2.06 (17.17).

<sup>a</sup>If you apply surface coatings of more than one type within any one subcategory you may calculate an OSEL according to § 63.3531(i).

<sup>b</sup>Rounding differences in specific emission limits are attributable to unit conversions.

**TABLE 3 TO SUBPART KKKK OF PART 63—EMISSION LIMITS FOR AFFECTED SOURCES USING THE CONTROL EFFICIENCY/OUTLET CONCENTRATION COMPLIANCE OPTION**

You must comply with the emission limits that apply to your affected source in the following table as required by § 63.3490(d).

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If you use the control efficiency/outlet concentration option to comply with the emission limitations for any coating operation(s) . . .	Then you must comply with one of the following by using an emissions control system to . . .
1. in a new or reconstructed affected source .....	a. reduce emissions of total HAP, measured as THC (as carbon), <sup>a</sup> by 97 percent; or b. limit emissions of total HAP, measured as THC (as carbon), <sup>a</sup> to 20 ppmvd at the control device outlet and use a PTE.
2. in an existing affected source .....	a. reduce emissions of total HAP, measured as THC (as carbon), <sup>a</sup> by 95 percent; or b. limit emissions of total HAP, measured as THC (as carbon), <sup>a</sup> to 20 ppmvd at the control device outlet and use a PTE.

<sup>a</sup> You may choose to subtract methane from THC as carbon measurements.

TABLE 4 TO SUBPART KKKK OF PART 63—OPERATING LIMITS IF USING THE EMISSION RATE WITH ADD-ON CONTROLS OPTION OR THE CONTROL EFFICIENCY/OUTLET CONCENTRATION COMPLIANCE OPTION

If you are required to comply with operating limits by §63.3492, you must comply with the applicable operating limits in the following table:

For the following device . . .	You must meet the following operating limit . . .	And you must demonstrate continuous compliance with the operating limit by . . .
1. Thermal oxidizer .....	a. The average combustion temperature in each 3-hour block period must not fall below the combustion temperature limit established according to §63.3546(a) or §63.3556(a).	i. Collecting the combustion temperature data according to §63.3547(c) or §63.3557(c); ii. Reducing the data to 3-hour block averages; and iii. Maintaining the 3-hour block average combustion temperature at or above the temperature limit established according to §63.3546(a) or §63.3556(a).
2. Catalytic oxidizer .....	a. The average temperature difference across the catalyst bed in each 3-hour period does not fall below the temperature difference limit established according to §63.3546(b)(2) or §63.3556(b)(2); or  b. The average temperature measured at the inlet to the catalyst bed in each 3-hour block period must not fall below the limit established according to §63.3546(b) or §63.3556(b); and  c. Develop and implement an inspection and maintenance plan according to §63.3546(b)(4) or §63.3556(b)(4).	i. Collecting the temperature data according to §63.3547(c) or §63.3578(c); ii. Reducing the data to 3-hour block averages; and iii. Maintaining the 3-hour block average temperature difference at or above the temperature difference limit established according to §63.3546(b)(2) or §63.3556(b)(2).  i. Collecting the temperature data according to §63.3547(c) or §63.3557(c); and ii. Reducing the data to 3-hour block averages; and iii. Maintaining the 3-hour block average temperature at the inlet to the catalyst bed at or above the temperature limit established according to §63.3546(b) or §63.3556(b).  Maintaining an up-to-date inspection plan, records of annual catalyst activity checks, records of monthly inspections of the oxidizer system, and records of the annual internal inspections of the catalyst bed. If a problem is discovered during a monthly or annual inspection required by §63.3546(b)(4) or §63.3556(b)(4), you must take corrective action as soon as practicable consistent with the manufacturer's recommendations.
3. Regenerative oxidizers .....	a. Develop and implement a valve inspection plan according to §63.3546(c) or §63.3556(c); and either  b. If you are using a regenerative thermal oxidizer, follow the operating limits according to 1.a of this table; or	Maintaining an up-to-date valve inspection plan. If a problem is discovered during an inspection required by §63.3556(c), or §63.3556(c), you must take corrective action as soon as soon as practicable.  See all applicable items in 1.a of this table.